

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

January

2009

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

February 20, 2009

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Dry conditions continued into the New Year across west central Texas. During the month of January 2009, temperatures average above normal and precipitation averaged below normal for the month. A couple of light precipitation events occurred during the month. However, the overall winter season has been very dry across the area and drought conditions continued to intensify. The potential for wild fires were elevated during the month and numerous fires were reported across west central Texas. A grass fire in Jones County on January 22, spread between Hawley and Nugent and burned six homes, five hunting cabins, 20 outbuildings and 10 vehicles.

Average precipitation during the month ranges from 0.75 of an inch to 1.25 inches across the HSA. The average precipitation reported from coop observers in January was 0.14 of an inch. The highest monthly precipitation total of 0.44 of an inch was reported in Coleman County. Coop observers in Brown, Callahan, Coleman, Concho, San Saba, Shackelford, Taylor and Throckmorton Counties received just over a quarter of an inch of precipitation in January.

The San Angelo Regional Airport received 0.06 of an inch of precipitation during January, which was 0.76 of an inch below normal for the month. The monthly normal rainfall for San Angelo in January is 0.82 of an inch.

The Abilene Regional Airport received 0.17 of an inch of precipitation during January, which was 0.80 of an inch below normal for the month. The monthly normal rainfall for Abilene in January is 0.97 of an inch.

Junction received 0.06 of an inch of rain during January. The estimated average monthly rainfall in January is about one inch.

Coop Observer Rainfall Totals for January, 2009:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	0.19		Merkel 12SW	0.26
Acton Ranch	0.11		Mertzon 12WNW	0.04
Anson	0.07		Ozona	0.00
Albany	0.26		Ozona 2	0.00
Ballinger 2NW	0.10		Ozona 22SE	0.14
Blackwell 6NE	T		Paint Rock	0.18
Brady	T		Putnam	0.33
Brownwood	0.25		Red Bluff Crossing	0.38
Burkett	0.44		Roscoe	0.00
Coleman	0.37		Rotan	0.05
Concho Park	0.29		San Angelo WFO	0.06
Eden	0.07		San Saba 7NW	0.20
Eldorado	0.04		Santa Anna 12SSE	0.17
Eldorado 10W	0.06		Silver Valley	0.36
Fort Griffin	0.22		Sonora	0.00
Fort McKavett	0.06		Stamford	0.00
Glen Cove 2NE	0.30		Sterling City	0.00
Hamlin	0.15		Taylor Ranch	0.00
Haskell	0.12		Telegraph	0.10
Hords Creek	0.28		Throckmorton 7NE	0.14
Humble Pump	0.00		Water Valley	T
Junction 4SSW	0.11		Water Valley 11NE	0.11
Lawn	0.22		Winters 1NE	0.09
London 3N	0.00		Woodson	0.36
Mason	0.24		(M) <i>Missing data</i>	
Menard	0.10		(T) <i>Trace</i>	

Reservoir Conditions (end of January, 2009)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	62,000	89
Lake Stamford	52,700	35,220	68
Hubbard Creek Lake	317,800	264,040	83
Hords Creek Lake	8,800	5,220	64
Lake Brownwood	131,428	102,690	78
E.V. Spence	488,760	51,440	10
O.C. Fisher	119,200	5,900	5
O.H. Ivie	554,340	302,500	55
Twin Buttes	177,800	58,810	33

Hydro Products Issued

DGT = 1 (Drought Statement)

ESF = 1 (Probabilistic Forecast)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for January across the San Angelo HSA is depicted below.

